

**STATE WATER RESOURCES CONTROL BOARD
BOARD MEETING SESSION -- DIVISION OF FINANCIAL ASSISTANCE
SEPTEMBER 6, 2006**

ITEM 6

SUBJECT

CONSIDERATION OF A RESOLUTION COMMITTING CLEAN BEACHES INITIATIVE GRANT FUNDS TO THE CITY OF MALIBU (CITY) FOR THE PARADISE COVE STORMWATER TREATMENT SYSTEM (PROJECT); CLEAN BEACHES INITIATIVE (CBI) GRANT PROGRAM; CBI PROJECT NO. 315

DISCUSSION

In accordance with the authority established in the Clean Beaches Program of the *Watershed, Clean Beaches, and Water Quality Act* (Act) (Public Resources Code, §30901, Chapter 3), the State Water Resources Control Board (State Water Board) can award grants up to \$5 million per project to local agencies and non-profit organizations to implement projects that restore and protect the water quality and environment of coastal waters, estuaries, bays, and near shore waters. In addition to meeting the objective of the Act, all projects receiving grants from the Clean Beaches Program are required to meet the following criteria:

- (a) projects shall be consistent with California's nonpoint source control program;
- (b) projects shall demonstrate the capability of contributing to sustained, long-term water quality or environmental restoration or protection benefits for a period of 20 years;
- (c) projects shall address the causes of degradation, rather than the symptoms;
- (d) projects shall be consistent with water quality and resource protection plans prepared, implemented, or adopted by the State Water Board, the applicable Regional Water Quality Control Board (Regional Water Board), and the State Coastal Conservancy (SCC);
- (e) projects shall be reviewed by the State Water Board in consultation with the SCC and the Clean Beaches Task Force (CBTF) appointed by the State Water Board to review projects and make recommendations for grant funding;
- (f) applicants shall inform the State Water Board of any necessary public agency approvals, entitlements, and permits that may be necessary to implement the Project, and applicants shall certify to the State Water Board at the appropriate time that such approvals, entitlements, and permits have been granted;
- (g) projects shall be consistent with recovery plans for coho salmon, steelhead trout, or other threatened or endangered aquatic species;
- (h) applicants shall be required to submit to the State Water Board a monitoring and reporting plan;
- (i) upon completion of the project, the recipient of the funds shall submit a report to the State Water Board that summarizes the completed activities and indicates whether the purpose of the project has been met;
- (j) the State Water Board must provide opportunity for public review and comment in awarding the funds; and
- (k) grant funds can only be used for the costs of construction or acquisition of capital assets as specified in Section 16727 of the Government Code.

For ease of implementation, the State Water Board divided the funding solicitation into two phases. In the second funding phase, the CBTF recommended, and the State Water Board adopted, a Competitive Location List (CLL) on April 21, 2005 (Resolution No. 2005-0028). The CLL was designed to target specific beaches that are known to have persistent bacterial water quality problems such as a beach that is frequently or permanently posted with signs warning beachgoers of the risks

associated with exposure to beach waters. To date, the CBTF has recommended \$16.1 million of the \$22.2 million available for Phase Two projects.

This Project will replace the existing stormwater treatment system at the Ramirez Creek outfall with an upgraded and properly sized unit (500 gpm) to treat actual flows for bacteria and other pollutants thereby improving water quality at Paradise Cove Beach. The primary drainage outfall to Paradise Cove Beach is a lined channel from Ramirez Creek, which drains the 3,350-acre watershed. It is estimated that the average dry-weather flow for Ramirez Creek is 250-300 gpm. This lined drainage channel currently has an experimental filtration and disinfection system installed to determine the feasibility of improving water quality at this site. Results from regular sampling events (by Santa Monica Baykeeper and LA Department of Health Services) show there has been significant improvement over the past months. Since this temporary system was not designed to handle the flows experienced at this outfall, exceedances still occur. The site-specific system will filter sediment and debris prior to ultraviolet light treatment to remove bacteria and viruses from dry and some wet-weather flows (up to 500 gpm).

The effectiveness of the Project will be measured according to an approved Monitoring and Reporting Plan, and the results will be reported in a Final Project Report. The infrastructure will be designed to have a minimum useful life of 20 years, and will be incorporated into the City's maintenance management program.

Paradise Cove Beach was added to the State Water Board's approved CLL at the January 4, 2006, Board meeting (Resolution No. 2006-001). The CBTF reviewed the City's proposal and recommended the Project for funding at the February 22, 2005 meeting contingent upon the following provisions: 1) The City ensures that the outfall from the treatment system is designed so that it will not create a scour pond at or above the high tide line; 2) The City hires an engineering consulting firm to manage the Project; 3) The City enters a legally binding agreement with the property owner for the long term operation and maintenance of the Project; and 4) The City provides verification of the completion of the Onsite Wastewater Treatment System upgrades at the privately owned mobile home park adjacent to the Project site.

The City will adopt a Resolution on July 24, 2006, designating the City Manager as the authorized representative for the Project. The City will prepare a Mitigated Negative Declaration for the Project as part of the grant agreement. No work identified in the agreement that is subject to CEQA will proceed until the City has received environmental clearance from the Division of Financial Assistance staff.

FISCAL IMPACT

The Act appropriated \$43.7 million to the CBI Program for grants up to \$5 million per project to restore and protect the water quality and environment of coastal waters, estuaries, bays, and near shore waters. This project will be funded by the CBI Program, and will have the following fiscal impact.

Proposition 40 Funding	\$43,700,000
Total Previous Commitments	\$27,359,400
Funds Available for Current Commitments	\$16,340,600

State Water Board Funding Commitments for September 2006:

County of Orange, CBI Grant #303	\$1,000,000
Port of Los Angeles, CBI Grant #309	\$2,000,000
City of Long Beach, CBI Grant #310	\$3,823,868
<u>City of Malibu, CBI Grant #315</u>	<u>\$ 920,000</u>

Funds Remaining for Future Commitments	\$8,596,732
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REGIONAL WATER BOARD IMPACT

The Los Angeles Water Board has reviewed the Project and determined that it is consistent with existing water quality control plans.

POLICY ISSUE

Should the State Water Board approve CBI grant funding for the City's Proposed Project?

STAFF RECOMMENDATION

That the State Water Board approve a CBI grant commitment of \$920,000 for the City's Project.

**STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 2006-**

**COMMITTING CLEAN BEACHES INITIATIVE GRANT FUNDS TO THE CITY OF MALIBU (CITY)
FOR THE PARADISE COVE STORMWATER TREATMENT SYSTEM (PROJECT);
CLEAN BEACHES INITIATIVE (CBI) GRANT PROGRAM;
CBI PROJECT NO. 315**

WHEREAS:

1. The *Watershed, Clean Beaches, and Water Quality Act (Act)* (Public Resources Code §30901) was signed into law on September 20, 2002. The Act appropriated \$46 million from Proposition 40 for additional CBI grants to help local agencies, non-profit organizations, and public agencies implement projects that protect and restore California's coastal water;
2. The CBI funds appropriated in the Act are available for encumbrance up to December 31, 2006;
3. The State Water Resources Control Board (State Water Board) added Paradise Cove to the CBI Competitive Location List on January 4, 2006;
4. The Clean Beaches Task Force reviewed the City's proposed Project at Paradise Cove Beach, and provisionally recommended it for funding at the February 22, 2005 meeting; and
5. The City will prepare a Mitigated Negative Declaration for the Project as part of the grant agreement. No work identified in the agreement that is subject to CEQA will proceed until the City attains environmental clearance from the Division of Financial Assistance staff.

THEREFORE BE IT RESOLVED THAT:

The State Water Board approves a grant for the City's Project not to exceed \$920,000 from the Act contingent upon the following provisions: 1) The City ensures that the outfall from the treatment system is designed so that it will not create a scour pond at or above the high tide line; 2) The City hires an engineering consulting firm to manage the Project; 3) The City enters a legally binding agreement with the property owner for the long term operation and maintenance of the Project; and 4) The City provides verification of the completion of the Onsite Wastewater Treatment System upgrades at the privately owned mobile home park adjacent to the Project site.

CERTIFICATION

The undersigned, Clerk to the Board, does hereby certify that the forgoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Board held on September 6, 2006.

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Clerk of the Board